

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SMALL GRAIN HARVEST UNDERWAY

Small grains harvest began ahead of the five-year average, according to USDA-NASS, Minnesota Field Office. Minnesota's wheat, oats and barley were ripening a week or more ahead of the five-year average across most of the state. Precipitation during the past week was minimal with the exception of the southern portion of the state. Waseca, Winnebago, and Preston received over 2 inches of rain and Rochester, Rosemount, Faribault, and Redwood Falls received over 1 inch of rain. The MDA pest report released on July 21st showed a continued increase of soybean aphid infestations in sampled fields. Pastures were rated at 56% in poor to very poor condition.

The average temperature for the week was 72.3°, 2.1° above normal. Statewide topsoil moisture supplies as of Friday were rated 38% very short, 37% short, 25% adequate, and 0% surplus.

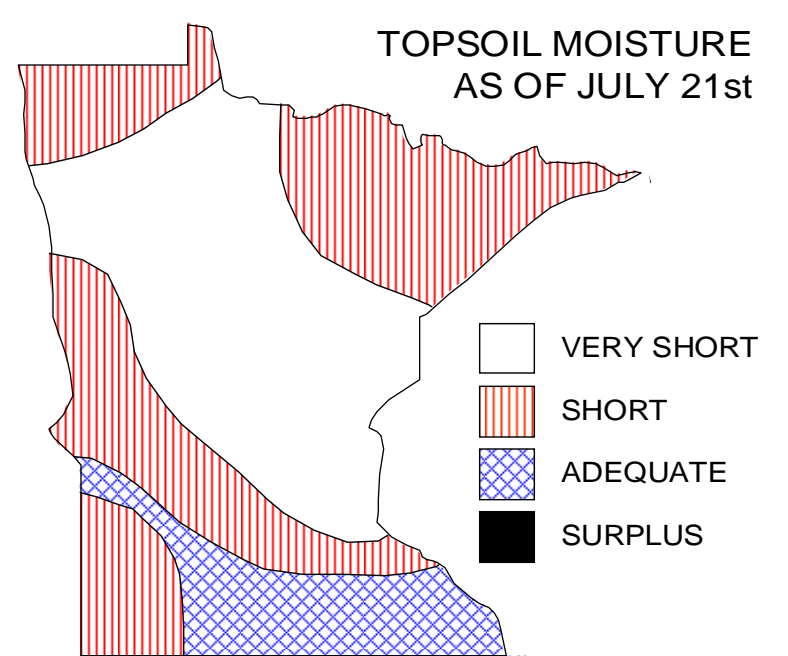
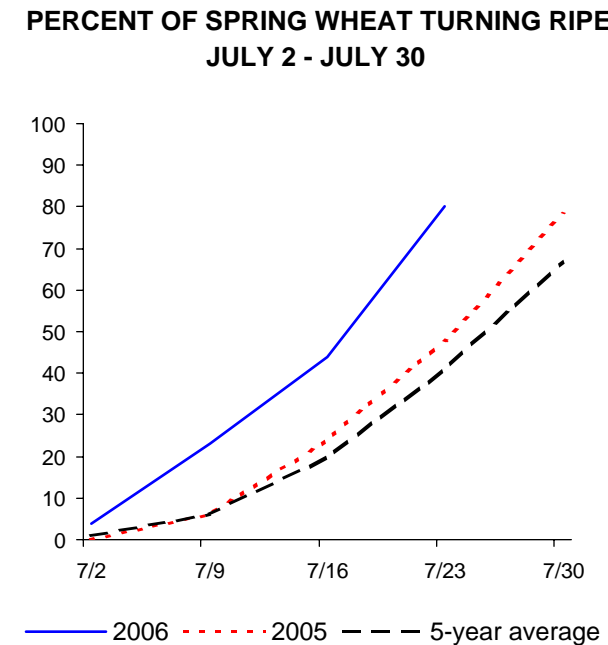
As of Sunday July 23rd, corn silking was estimated at 85%, 30 percentage points ahead of the five-year average. Fifty-four percent of the corn crop was rated in good to excellent condition. Soybeans blooming were estimated at 88%, compared to 70% for the five-year average. Twenty-nine percent of the soybean crop was setting pods, compared to 14% for the five-year average.

Spring Wheat had 80% of the crop turning ripe, 39 percentage points ahead of the five-year average. Spring wheat remained unchanged from the previous week with 46% of the crop rated in good to excellent condition.

Days Suitable for Fieldwork: 6.1				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	38	37	25	0

Crop Progress as of July 23, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Silking	85	36	75	55
	Milk	6	0	3	3
Soybeans	Blooming	88	65	79	70
	Setting Pods	29	6	19	14
Sweet Corn	Harvested	3	0	0	0
Oats	Turning Ripe	95	75	79	67
	Harvested	15	7	11	7
Barley	Turning Ripe	90	53	69	49
	Harvested	6	3	0	1
Spring Wheat	Turning Ripe	80	44	48	41
	Harvested	2	1	0	0

Crop Condition as of July 21, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	25	31	29	14	1
Corn	6	10	30	43	11
Soybeans	4	9	34	41	12
Alfalfa	14	25	32	26	3
Spring Wheat	5	14	35	42	4
Oats	12	17	34	35	2
Barley	8	13	29	47	3
Sugarbeets	1	7	30	45	17
Dry Beans	8	14	46	24	8
Potatoes	2	6	29	53	10
Sunflowers	2	9	31	52	6
Canola	0	14	37	41	8



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Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JULY 23, 2006:
Temperatures averaged from 3.6 degrees above normal in the Northeast District to 0.2 degree above normal in the Southwest District. Extremes: 4 degrees in Hibbing; 102 degrees in Canby. Precipitation averaged from 0.75 inch below normal in the North Central District to 0.59 inch above normal in the South Central District. Greatest weekly total was 2.39 inches recorded in Waseca.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 7/17/2006 through 7/23/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	98	54	72.2	2.3	.03	-.65	-2.61	-4.75	1315	98
Moorhead	95	55	73.0	1.9	0	-.62	-2.77	-5.68	1426	153
Warroad	89	54	70.6	2.9	0	-.80	-2.16	-3.97	1184	131
<u>NC DIST 2</u>										
Grand Rapids	91	53	71.1	3.3	0	-1.02	-3.16	-4.88	1273	202
Intl. Falls	88	45	66.6	.1	.24	-.48	-.71	-2.88	1108	104
Itasca	97	52	70.0	3.5	.11	-.74	-2.02	-3.78	1165	174
<u>NE DIST 3</u>										
Duluth	89	54	71.4	5.3	.05	-.88	-2.62	-1.50	1098	194
Grand Marais	87	55	67.0	5.4	.54	-.21	-1.37	-2.32	758	172
Hibbing	88	42	66.4	-.0	.03	-1.02	-2.97	-6.95	1062	96
<u>WC DIST 4</u>										
Alexandria	91	56	73.2	2.6	.35	-.34	-2.14	-5.01	1369	150
Browns Valley	101	50	73.2	.4	.75	-.02	-2.08	-.80	1337	-13
Canby	102	56	74.7	1.1	.86	.15	-1.77	-1.73	1466	49
Fergus Falls	91	58	72.1	1.6	.63	-.10	-2.29	.63	1343	111
Montevideo	92	54	72.4	.1	.20	-.53	.96	.72	1412	60
Morris	89	52	71.4	-.1	.48	-.40	-2.74	-3.59	1349	30
<u>CENT DIST 5</u>										
Becker	92	54	74.8	4.5	.54	-.39	-3.20	-4.39	1467	251
Collegeville	M	M	M	M	M	M	-3.11m	-3.25m	1362m	-14m
Hutchinson	89	57	74.3	1.8	.82	-.00	-2.29	-2.71	1496	114
Olivia	90	55	71.1	-.5	.36	-.40	-2.39	-1.63	1418	64
St. Cloud	91	53	72.6	2.3	.54	-.16	-2.19	-2.99	1390	174
Staples	92	51	71.5	3.5	.21	-.58	-2.73	-4.68	1250	156
Willmar	98	56	73.7	2.1	.15	-.63	-1.99	-4.22	1466	127
<u>EC DIST 6</u>										
Aitkin	92	54	73.3	6.2	0	-1.04	-3.24	-4.50	1220	189
Forest Lake	90	58	74.0	2.8	.46	-.55	-3.49	-1.97	1465	161
MSP Airport	93	63	76.8	3.1	.71	-.18	-2.83	-1.56	1635	215
St. Paul - UofM	91	60	75.9	2.1	.63	-.33	-2.37	-.84	1596	132
<u>SW DIST 7</u>										
Lamberton	93	54	72.0	-.3	.48	-.31	-1.52	4.58	1429	19
Pipestone	97	51	72.6	.6	.01	-.71	-3.03	-4.04	1365	37
Redwood Falls	93	57	72.8	-1.0	1.11	.28	-2.12	.14	1480	-2
Worthington	96	53	73.3	2.0	.01	-.74	-2.61	.19	1440	132
<u>SC DIST 8</u>										
Faribault	95	56	73.2	1.5	1.06	.10	-1.98	-4.81	1420	95
Mankato	94	58	73.4	1.0	.70	-.22	-2.47	-1.79	1435	50
Waseca	95	55	73.6	2.0	2.39	1.38	-.32	1.35	1465	104
Winnebago	96	57	74.4	2.1	2.03	1.12	-1.63	-.33	1498	107
<u>SE DIST 9</u>										
Preston	96	55	73.0	2.3	2.18	1.13	-.73	1.61	1305	42
Red Wing	92	59	74.4	1.9	.96	.00	-2.54	-5.32	1456	91
Rochester	93	58	72.4	2.0	1.86	.81	-1.13	-.58	1420	166
Rosemount	91	60	74.1	2.8	1.16	.11	-1.18	-2.70	1424	115
Winona	95	61	75.9	.7	.94	-.01	-1.76	-4.57	1458	-63

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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